



APPLICATIONS OF THE IUID REGISTRY



IUID Registry—*what is it?*

- Central Repository for IUID Information
<https://www.bpn.gov/iuid>
- Serves as Acquisition Gateway to Identify:
 - Description of the Item
 - How and When the Item was Acquired
 - Acquisition Cost of the Item
 - Current Custody (PIPC or Government)
 - How the Item is marked



Registry Functionality

- Receive and Store Item Data
- Capture Item Updates
- Preserve History
- Provide Standard Queries, Reports and APIs



IUID Registry—Supporting Systems

- Global Exchange (GEX)
 - Data Transformation and Routing
- Wide Area Workflow (WAWF)
 - DoD Paperless Invoicing, Receipt and Acceptance & Property Transfer

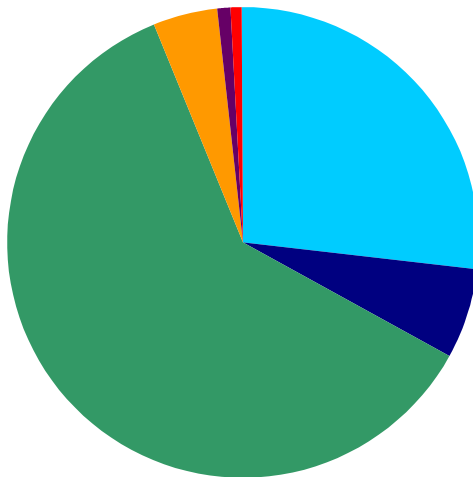


Registry Statistics

(as of 13 June 07)

New Ulls	824,113
Legacy Ulls	559,78
GFP Ulls	98,240
Total Ulls	1,482,13

New Ulls





IUID Registry Item Data

Static Data

IUID, Description,
and Elements

Acquisition Data
(contract, CLIN, cost...)

Dynamic Data

Mark Data

Embedded Items

Part Number Updates

Custody Data
(Contractor or Government)

Lifecycle Events



Transmitting Data to the Registry

- Register Items at Birth
 - At time of acceptance for new procurement items
 - At time of identification for items in inventory or operational use
- Update data during Use
 - Part Number Change
 - Change of PIPC custodian
 - Change to mark
 - Change to components
 - Lifecycle Events



Transmitting Data to the Registry

(continued)

- Data Input Sources
 - WAWF
 - Web
 - Direct Submission
 - LTDD/PCARSS
 - Property Systems



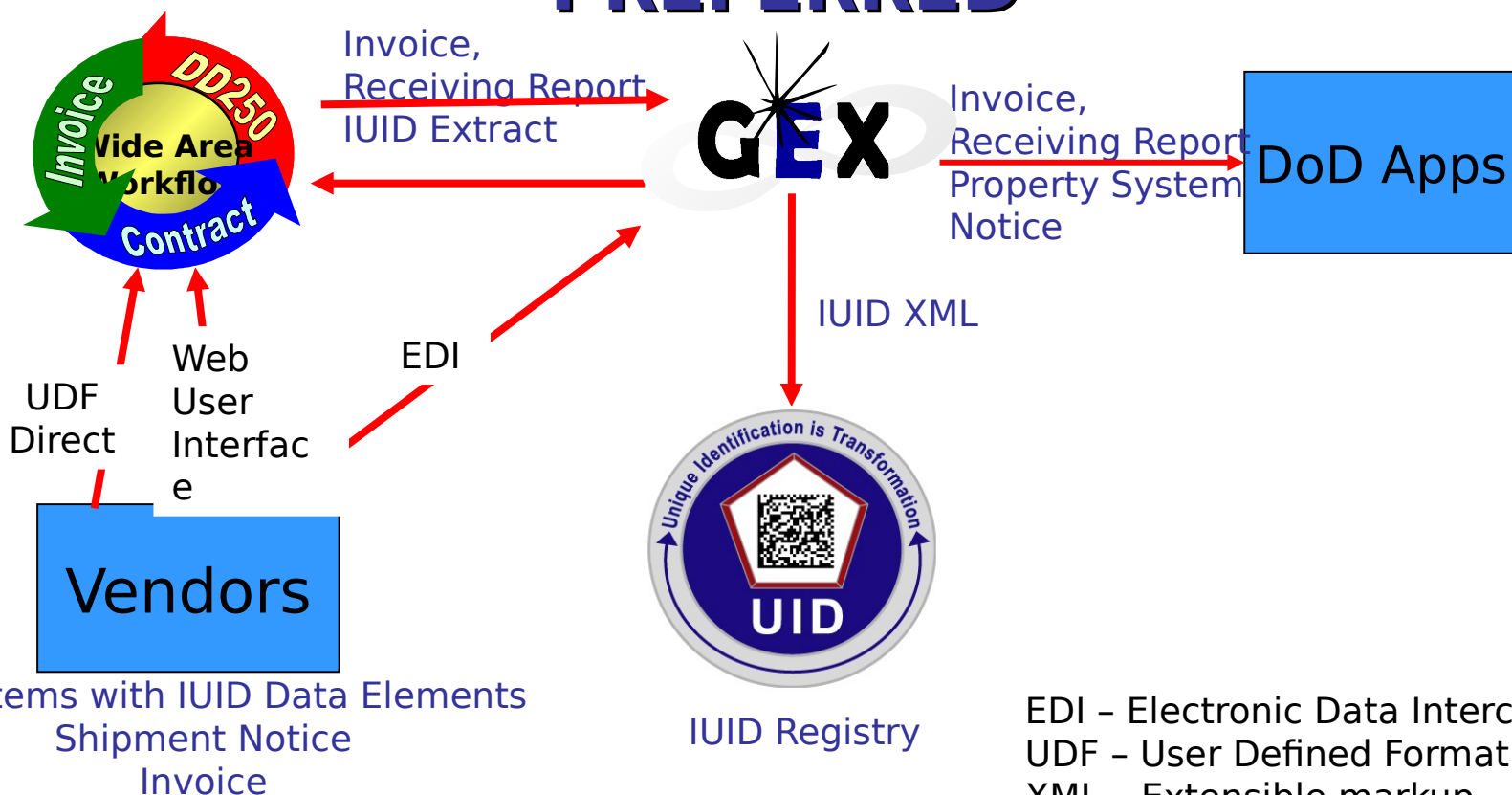
Transmitting Data to the Registry

(continued)

- Who is Responsible?
 - Prime Vendors with contracts that include the IUID DFARS clause
 - New Acquisitions
 - PIPC
 - Item Markers or Program Managers for legacy items



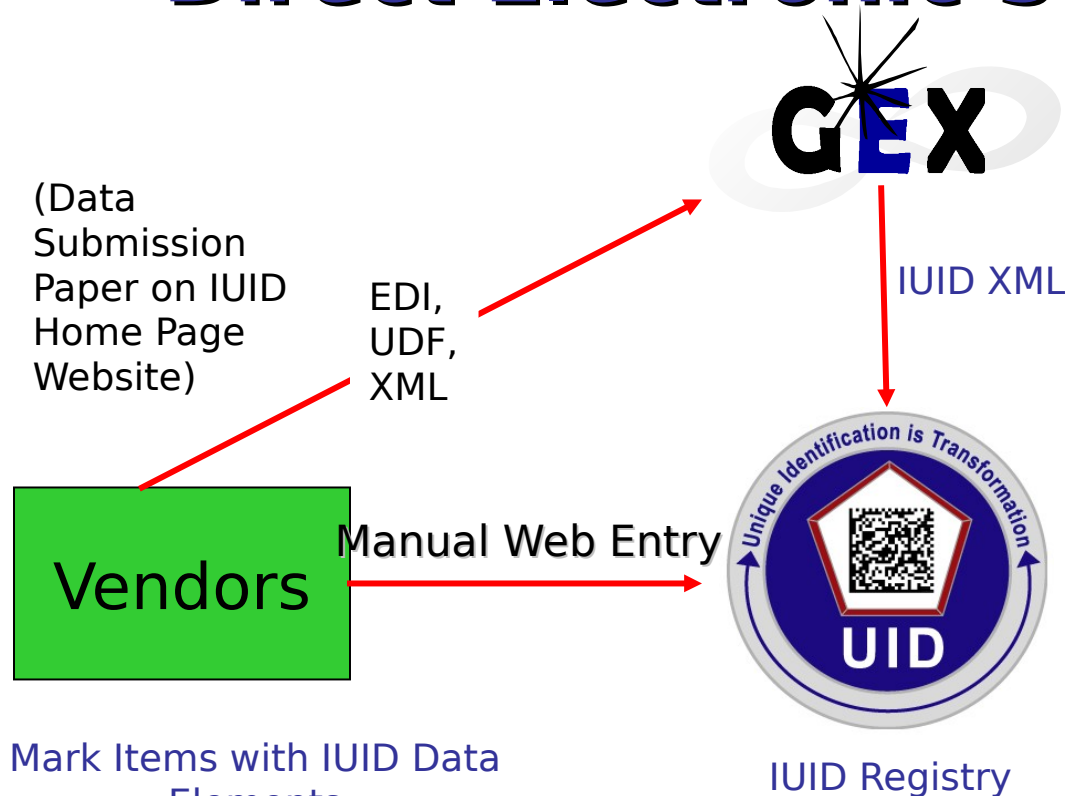
IUID Data Capture for New Items via WAWF PREFERRED





IUID Data Capture for New Items

Direct Electronic Submission



- Vendor submits data after government acceptance of items
- **INTERIM** measure pending full WAWF deployment

Mark Items with IUID Data Elements
Shipment Notice

EDI – Electronic Data Interchange
UDF – User Defined Format



Legacy, Embedded, GFP, and Updates Data Submission

GEX

(Data
Submission
Paper on IUID
Home Page
Website)

IUID XML
Or
UDF

IUID XML

Legacy data
submission
has relaxed
business
rules for
contract info

DoD or
Vendors

Manual Web Entry



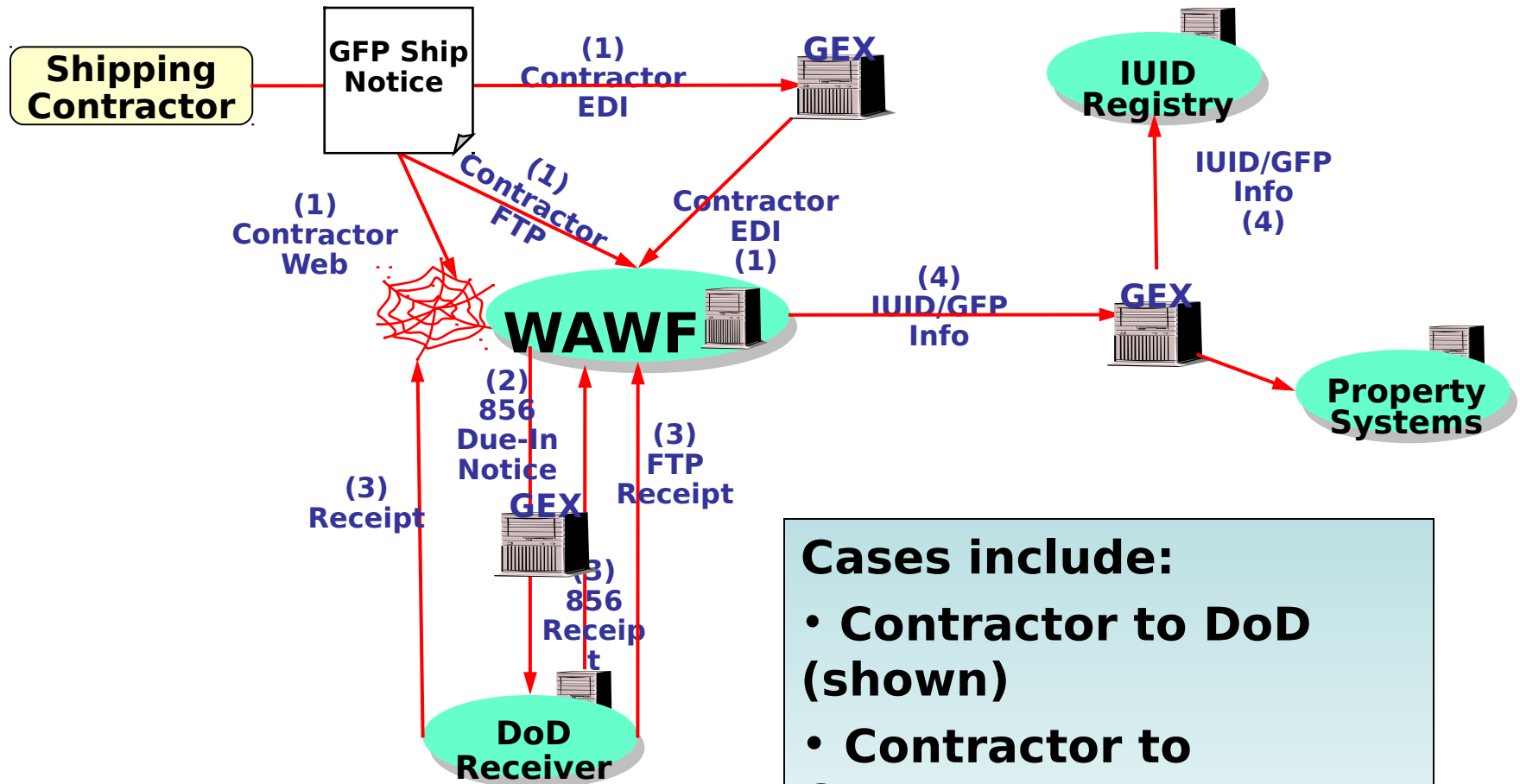
IUID Registry

Mark Items with IUID Data
Elements
Shipment Notice

XML - Extensible Markup
Language
UDF - User Defined Format



Paperless GFP and WAWF



Cases include:

- Contractor to DoD (shown)
- Contractor to Contractor
- Contract to Contract
- DoD to Contractor



How Do I Get to the Registry

- <https://www.bpn.gov/iuid>
- Public Access—no registration required
 - Enter UII and response tells if exists and some basic pedigree information
 - Enter Enterprise ID and Serial Number—find data limited to UII
- Controlled
 - Each User must register and be Authorized
 - Instructions at Web-Site
 - Role-Based Access – Need to Know
 - Contractor (requires DUNS registered in CCR)
 - Legacy Submitter
 - DCMA
 - Inquiry



IUID Registry Queries

- Single Item Query (UII -> Pedigree)
- Composition Query (UII Parent or Child -> Hierarchy)
- Mark Query (Mark Contents -> UII)
- Pedigree Query (Pedigree Attributes -> UIIs)
- Contract Query (Acquisition Contract -> UIIs)
- GFP Custody (GFP Contract/Contractor -> UIIs)



IUID Registry APIs

- API = Application Program Interface
- UII Verification—send UII; return is registered or not
- Element Retrieval—send UII; return is Enterprise ID, Serial Number and Part Number
- UII Retrieval—send Enterprise ID, Serial Number and Part Number (Optional); return is UII



IUID Registry Reports

- GFP Summary by Contract
- GFP Summary by Contractor
- Administrative Reports



IUID Registry—What's Next

- Standard Values for Mark Contents
- Military Equipment Valuation Interface (CAMS-ME)
- Part Number Query
- API – UII retrieval from Mark Contents Data
- Warranty



IUID Websites/Help Desk

- IUID Registry -- Production
 - <https://www.bpn.gov/iuid>
- IUID Registry -- Practice
 - <https://www.bpn.gov/ngiuid>
- UID Home Page
 - <http://www.acq.osd.mil/dpap/UID>
 - <http://www.acq.osd.mil/dpap/UID/UIDRegistry> (IUID Flat File)
 - <http://www.acq.osd.mil/dpap/UID/DataSubmission> (Data Submission Formats)
- IUID Toolkit
 - <http://www.iuidtoolkit.com>
- IUID – Help Desk
 - Phone: 703-848-7314
 - Email: info@uniqueid.org



WAWF Websites/Help Desk

- WAWF -- Production
 - <https://wawf.eb.mil>
- WAWF -- Practice
 - <https://wawftraining.eb.mil>
- WAWF -- On-line Web-based Training
 - <https://www.wawftraining.com>
- WAWF – Help Desk
 - CONUS ONLY: 1-866-618-5988
 - ALL: 801-605-7095
 - FAX: 801-605-7453
 - EMAIL: cscassign@ogden.disa.mil
- DCMA: <http://www.dcma.mil>; “Electronic Business”